

**REMARKS**

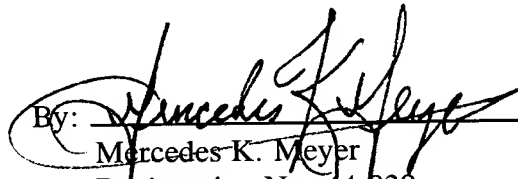
The paper copy of the Sequence Listing for the subject application, is by this amendment, added after the last page of the application to replace the Sequence Listing previously filed on January 18, 2000.

Claims 6 and 7 have been amended to conform with the revised Sequence Listing.

Favorable consideration on the merits is respectfully requested.

Respectfully submitted,

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Attachment to Amendment and Reply dated July 13, 2001

**Marked-up Claim 6 and 7**

6. (Amended) An essentially purified polypeptide (SEQ ID NO: 13) having  
neutrophilic activity comprising

Lys Ala Asn Asp Phe Leu His Arg Gly Glu Tyr Ser Val Cys Asp  
Ser Glu Glu His Trp Val Gly Asn Leu Thr Gln Ala Thr Asp Leu  
Arg Gly Asn Glu Val Thr Val Leu Pro His Val Arg Ile Asn Asn  
Val Val Lys Lys Gln Met Phe Tyr Glu Thr Thr Cys Arg Val Ser  
Lys Ala Gly Thr Ser Ser Cys Arg Gly Ile Asp Asn Glu His Trp  
Asn Ser Tyr Cys Thr Asn Val His Thr Phe Val Arg Ala Leu Thr  
Ser Tyr Lys Asn Gln Ile Ala Trp Arg Phe Ile Arg Ile Asn Ala  
Ala Cys Val Cys Val Leu Ser Arg Asn Ser Trp Arg His.

7. (Amended) A composition comprising an essentially purified neurotrophin  
of carp NT-7 (SEQ ID NO: 13), having neurotrophic activity which comprises:

Lys Ala Asn Asp Phe Leu His Arg Gly Glu Tyr Ser Val Cys Asp  
Ser Glu Glu His Trp Val Gly Asn Leu Thr Gln Ala Thr Asp Leu  
Arg Gly Asn Glu Val Thr Val Leu Pro His Val Arg Ile Asn Asn  
Val Val Lys Lys Gln Met Phe Tyr Glu Thr Thr Cys Arg Val Ser  
Lys Ala Gly Thr Ser Ser Cys Arg Gly Ile Asp Asn Glu His Trp  
Asn Ser Tyr Cys Thr Asn Val His Thr Phe Val Arg Ala Leu Thr  
Ser Tyr Lys Asn Gln Ile Ala Trp Arg Phe Ile Arg Ile Asn Ala  
Ala Cys Val Cys Val Leu Ser Arg Asn Ser Trp Arg His.